Abstract

The invention relates to a method for controlling a cooking process on a ceramic hob, and to a ceramic hob comprising a plate, especially consisting of glass ceramics, that has a material strength defined by a flat upper side and a flat lower side, perpendicular to the main expansion directions thereof. Said ceramic hob comprises at least one cooking area that can be heated by means of a heating device arranged beneath the plate in the assembly position thereof. Said heating device comprises an electrical control system for controlling the heating capacity of the heating device, and first and second heat sensor units arranged beneath the plate. The aim of the invention is to provide a method for controlling a cooking process on a ceramic hob, wherein the influence of the cooking pot (14) is taken into account. To this end, according to the inventive method, essentially a heat flow dissipated downwards from the plate (2) only in the cooking area (4) is detected by means of the first heat sensor unit (6.1), and essentially a heat flow dissipated downwards from the plate (2) and a cooking pot placed thereon in the cooking area (4) is detected by means of the second heat sensor unit (6.2). A comparison value is formed in the electrical control system from the output signals of the two heat sensor units (6.1, 6.2), and is compared with previously determined and stored reference values, and the heating capacity of the heating device (16) is controlled according to said comparison.